

Group 5 Challenge:

Improving communication: a sub-component of instructional strategies

Consider how instructional technology can be incorporated into the teaching of this activity. How can students use technology or different modes of communication to express their ideas?

To incorporate technology into this exercise, students will create Excel graphs with their raw data. Since it's an inquiry-based activity, each group of students will be assigned a specific graph type to create. A class discussion will include the different graph types and the advantages/disadvantages of using different types.

In addition, the teacher will create a class webpage/blog where students will periodically post digital pictures of their fast plant growth and relevant observations.

Another strategy to include in this activity would be using podcasts. This should be done at the end of the lab after graphs are created and analyzed. Students should describe the process they used to artificially select for specific traits in addition to the graph type they used. The description should enable another person to repeat the lab.